

# Converting Colors

YUV(56.0570, -19.7481,  
34.1530)

Have a look what the booklet for  
YUV(56.0570, -19.7481, 34.1530)  
contains.

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# Color

**YUV(56.0570, -19.7481,  
34.1530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F2C10
RGB	95, 44, 16
RGB Percent	37%, 17%, 6%
CMY	0.6275, 0.8275, 0.9373
CMYK	0.00, 0.54, 0.83, 0.63
HSL	21°, 71%, 22%
HSV	21°, 83%, 37%
XYZ	5.7135, 4.2717, 1.0136
YIQ	56.0570, 39.3840, 2.1040

# Conversions

## Conversions Part 2

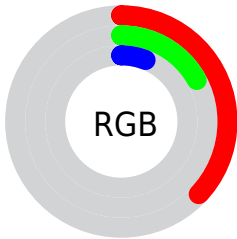
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 59, 16
Decimal	6237200
CIELab	24.55, 21.08, 27.84
CIElCh	25, 34.922, 52.867
Yxy	4.2717, 0.5195, 0.3884
Android (android.graphics.Color)	4284427280 (0xFF5F2C10)
YUV	56.0570, -19.7481, 34.1530
Hunter-Lab	20.6680, 13.1760, 11.5599

# Details

The YUV color **56.0570, -19.7481, 34.1530** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.9430, 19.7481, -34.1530**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1070, -22.2378, 39.3712**, and **13.1560, -6.4859, 27.0502** is the 20% darker color. If you saturate the color by 10%, you get **51.3950, -22.3797, 38.2416**, and if you desaturate by 10%, it is **60.6050, -17.5533, 30.1644**.

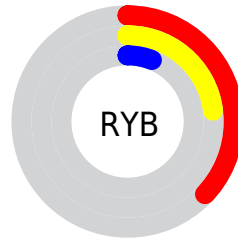
# Distribution



Red (37%)

Green (17%)

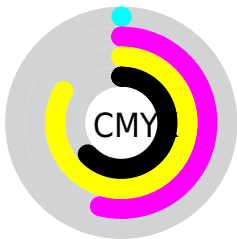
Blue (6%)



Red (37%)

Yellow (23%)

Blue (6%)

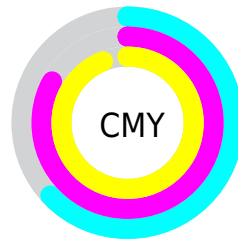


Cyan (0%)

Magenta (54%)

Yellow (83%)

Black (63%)



Cyan (63%)

Magenta (83%)


Yellow (94%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 56.0570, -19.7481, 34.1530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 56.0570, -19.7481, 34.1530 by changing the saturation by 10% instead.





 56.0570, -19.7481,  
34.1530


 56.0570, -19.7481,  
34.1530

 253.6320, -5.2416,  
1.1997


 33.5450, -16.5377,  
31.0940


 105.1070,  
-22.2378, 39.3712

 13.1560, -6.4859,  
27.0502

 130.7760,  
-23.5536, 41.4154

 0.0000, 0.0000,  
0.0000

 156.9720,  
-24.1432, 43.8746

 184.3420,  
-25.3116, 45.3041

 208.9500,  
-24.1323, 40.3859

 228.4640,

-20.4418, 23.2721

■ 248.6790,  
-16.6037, 5.5435

■ 56.0570, -19.7481,  
34.1530

■ 56.0570, -19.7481,  
34.1530

■ 51.3950, -22.3797,  
38.2416

■ 60.6050, -17.5533,  
30.1644

■ 48.3630, -23.8430,  
40.9006

■ 65.2670, -14.9216,  
26.0758

■ 69.8150, -12.7268,  
22.0872

■ 75.0640, -10.3846,  
17.4839

■ 79.7260, -7.7529,  
13.3953

■ 84.2740, -5.5581,  
9.4067

■ 88.8220, -3.3632,  
5.4181

■ 93.4840, -0.7316,  
1.3295

■ 98.1460, 1.9000,  
-2.7590

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.9130, -7.8451, 43.0493



56.0570, -19.7481, 34.1530



55.3080, -27.2668, 19.0239

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.0570, -19.7481, 34.1530



46.9040, 2.0193, -41.1348



57.6500, 24.3296, -10.2170

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.0570, -19.7481, 34.1530



54.9430, 19.7481, -34.1530

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.6350, 30.2529, -43.5299



56.0570, -19.7481, 34.1530



49.9820, 13.8129, -43.8342

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0570, -19.7481, 34.1530



47.1370, -11.4065, -28.1841



51.3160, 24.0012, -45.0041



60.0300, 14.7752, 21.0217



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0570, -19.7481, 34.1530



54.0460, -26.6447, 6.0987



51.3160, 24.0012, -45.0041



53.1640, 28.0201, -27.3308

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.0570, -19.7481, 34.1530



107.4270, -7.6055, 12.7805



45.4350, 10.6315, 43.4685



51.9040, -4.3897, 7.9772



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0570, -19.7481, 34.1530



61.7190, -30.4275, 52.8664



78.9500, -31.0343, 14.0759



45.7830, -0.8790, 1.9443



56.9680, -28.0852, 48.2631



121.6550, -59.9759, 103.7886



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.9430, 19.7481, -34.1530



60.2810, 30.4275, -52.8664



32.0500, 31.0343, -14.0758



46.2170, 0.8790, -1.9443



55.0320, 28.0852, -48.2631



118.3450, 59.9759, -103.7886



# Previews

## White Background



This preview shows how the YUV color 56.0570, -19.7481, 34.1530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

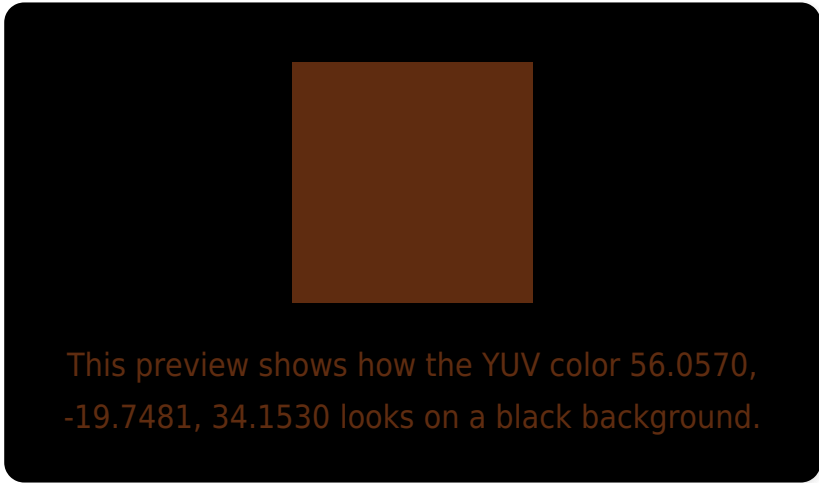
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

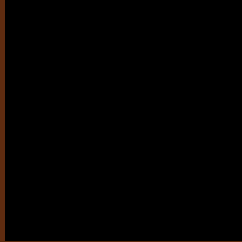
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 56.0570, -19.7481, 34.1530

## Background



This preview shows how black text looks on a background with the YUV color 56.0570, -19.7481, 34.1530.



This preview shows how white text looks on a background with the YUV color 56.0570, -19.7481,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

56.0570, -19.7481, 34.1530

### Protanopia

56.6470, -18.0670, 8.2026

### Deuteranopia

56.5510, -22.4566, 16.1798



## Tritanopia

57.7870, -6.7970, 33.5128

# Trichromacy



## Original Color

56.0570, -19.7481, 34.1530

## Protanomaly

56.8870, -18.6783, 17.6391

## Deuteranomaly

56.5240, -21.4573, 22.3425

## Tritanomaly

57.2340, -11.4544, 33.9978

# Monochromacy



## Original Color

56.0570, -19.7481, 34.1530

## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

56.1280, -7.4581, 12.1657

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.0570, -19.7481, 34.1530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 44, 16)` looks like.

```
.text, #text, p{  
    color:rgb(95, 44, 16)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 44, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 44, 16) }
```

## Border

The CSS property to change the border of an element to YUV 56.0570, -19.7481, 34.1530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 44, 16) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 44, 16) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 44, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 44, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 44, 16);  
box-shadow:4px 4px 4px 4px rgb(95, 44, 16)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.0570, -19.7481, 34.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 44, 16) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 44,  
16) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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